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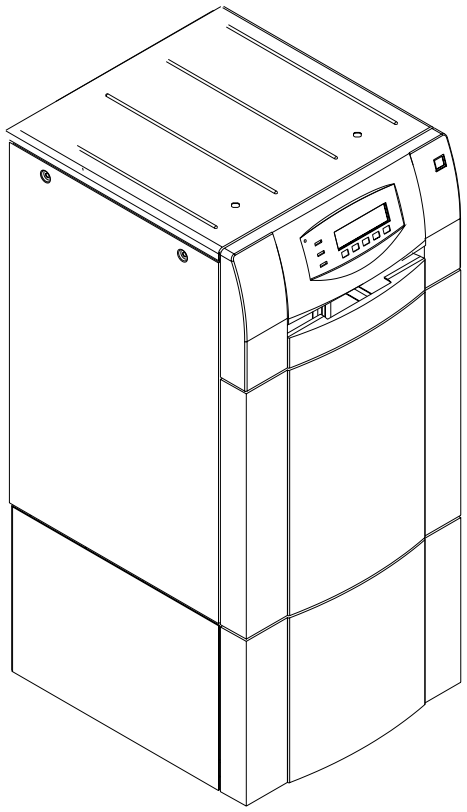
INSTALLATION INSTRUCTIONS

for the

KODAK Miniloader 2000 Humidifier, Model 2

CAT. Number 7199904



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INTRODUCTION

The KODAK MINILOADER 2000 HUMIDIFIER allows an increase of the relative humidity inside the ML2000. The HUMIDIFIER should be set to 4 0 % R H . The HUMIDIFIER is mounted to the REAR PANEL. The DC POWER is derived from the ML2000. There is a POWER CONNECTOR provided in the ML2000 HARNESS.

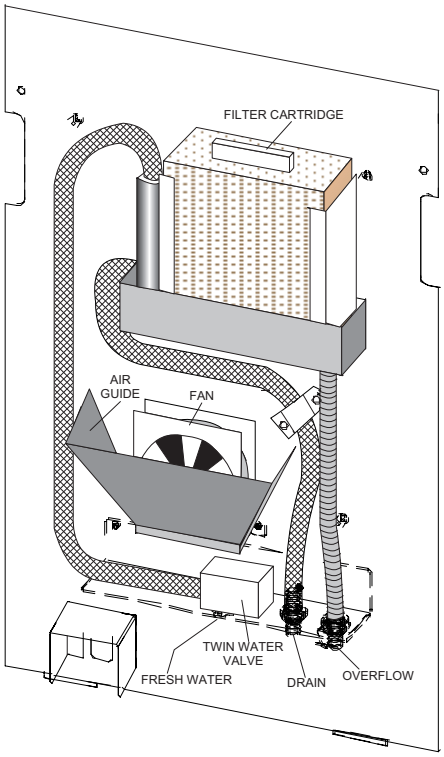

figure 1-1

PACKING LIST

Note

The WATER PRESSURE HOSE and the DRAIN HOSE are not part of the HUMIDIFIER KIT. They must be obtained locally.

PART NUMBER	DESCRIPTION	QTY
II3477-F	INSTALLATION INSTRUCTIONS	1
9308507	HUMIDIFIER ASSEMBLY mounted ready to use on the REAR PANEL	1

INSTALLATION

1. Switch off the ML2000.

2. Take off the REAR PANEL and discard it..

Note

The HUMIDIFIER ASSEMBLY is already factory mounted to the REAR PANEL.

3. Take the new REAR PANEL from the HUMIDIFIER KIT and mount it to the MINILOADER. Do not fasten its MOUNTING SCREWS yet.

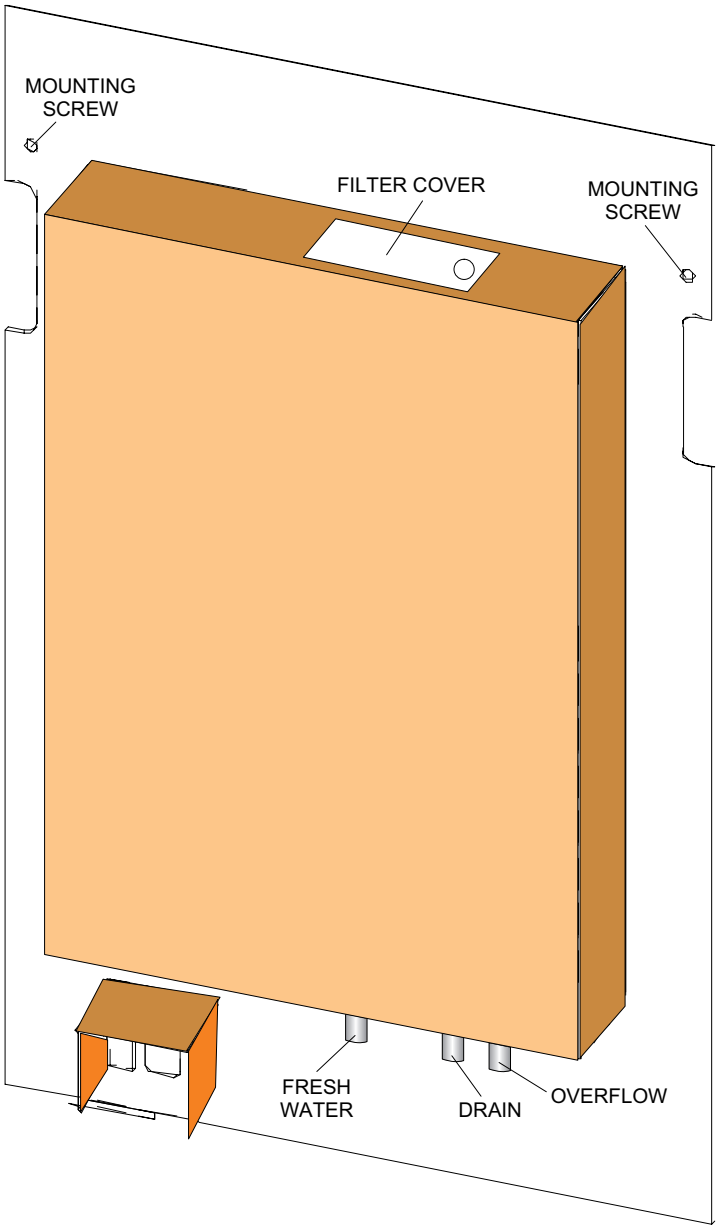

figure 1-2

Note

Take care not to break the wires. The REAR PANEL can only be mounted to the ML2000 after the electrical adjustment is made.

4. Plug the HUMIDIFIER DC POWER CONNECTOR into the CONNECTOR (A4x31)provided in the ML2000 HARNESS.

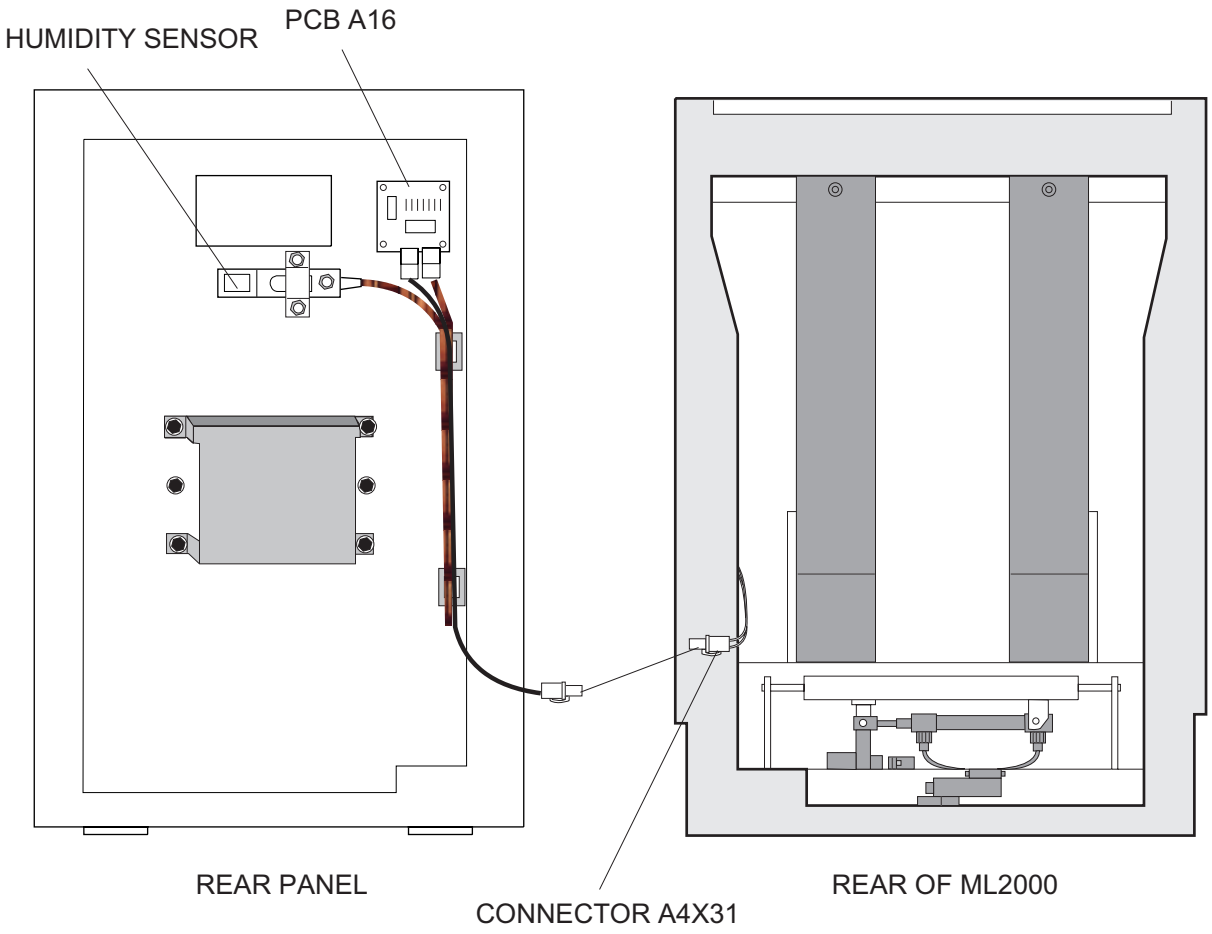

figure 1-3

FINAL TEST

1. Switch on the ML2000.

2. Connect the DVM to TEST POINTS TP5(PLUS) and to TP2 (Gnd) of the SENSOR PCB A16.

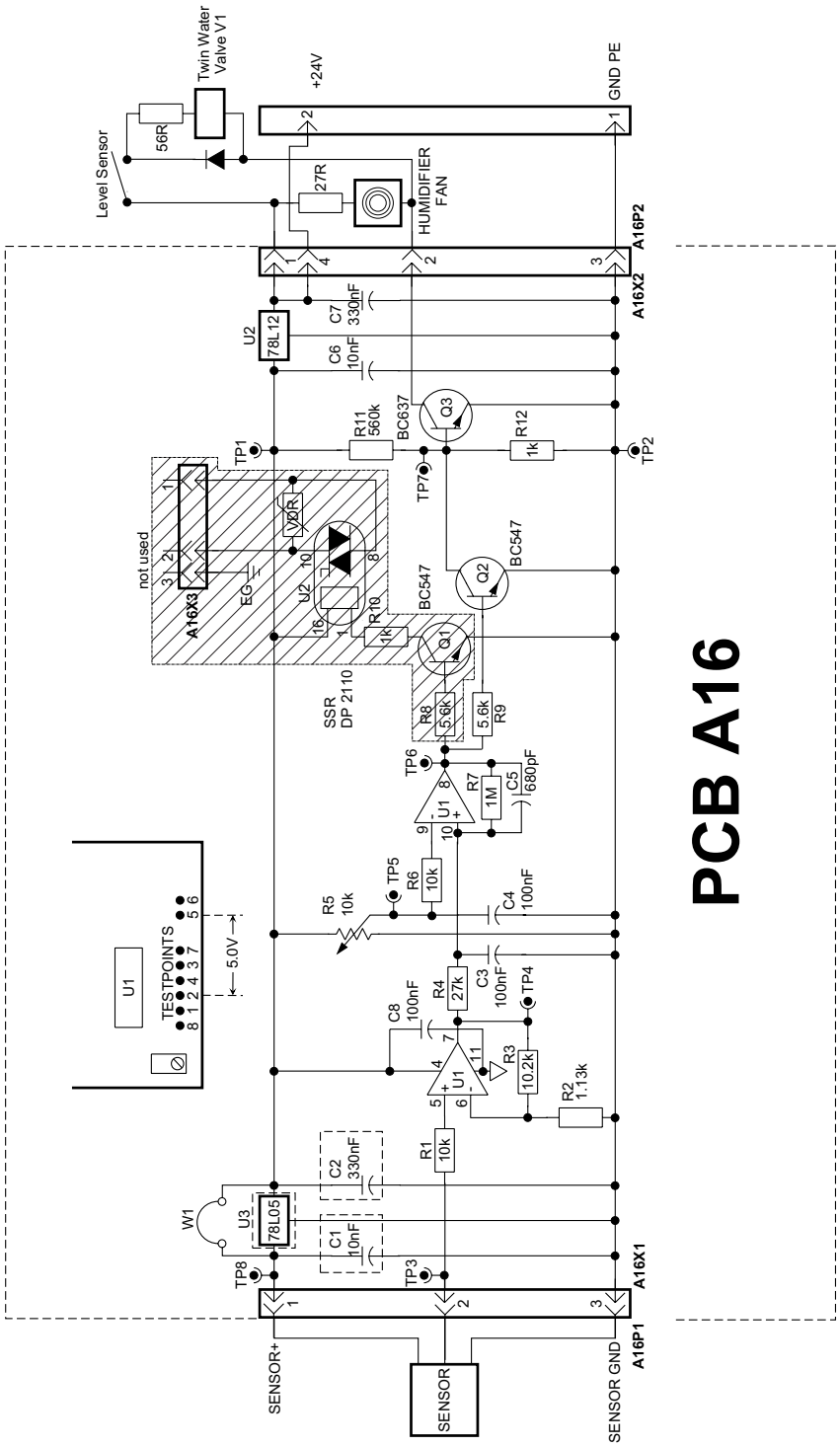

figure 1-4

3. Adjust R5 until the voltage reading is 4 VDC. This is equal to a relative humidity of 40% RH.

4. If the relative humidity is below 40% RH the HUMIDIFIER FAN will start.

5. If the relative humidity is above 40% RH the HUMIDIFIER FAN will not start. For test purposes set the voltage to a higher value until the FAN starts. Readjust the voltage to 4 VDC.

6. Fasten the MOUNTING SCREWS of the REAR PANEL.

Note

The WATER PRESSURE HOSE and the DRAIN HOSE are not part of the HUMIDIFIER KIT. They must be obtained locally.

7. Connect the humidifier to fresh WATER and to the DRAIN.

8. Check with WATER ON that all hose connections are tight and that the WATER RESERVOIR of the HUMIDIFIER is filled.

Note

It is a legal requirement that this test is done.

9. Test the OVER FLOW of the HUMIDIFIER.

- To test it, take off the HUMIDIFIER HOOD. See figure 1-5.
- Close the HUMIDIFIER DRAIN HOSE (see figure 1-6) and hold down the WATER LEVEL SENSOR. The WATER RESERVOIR will fill up and will eventually overflow.

Warning

With the HUMIDIFIER HOOD off, the ML2000 is not light-tight.

- Mount the HUMIDIFIER HOOD.

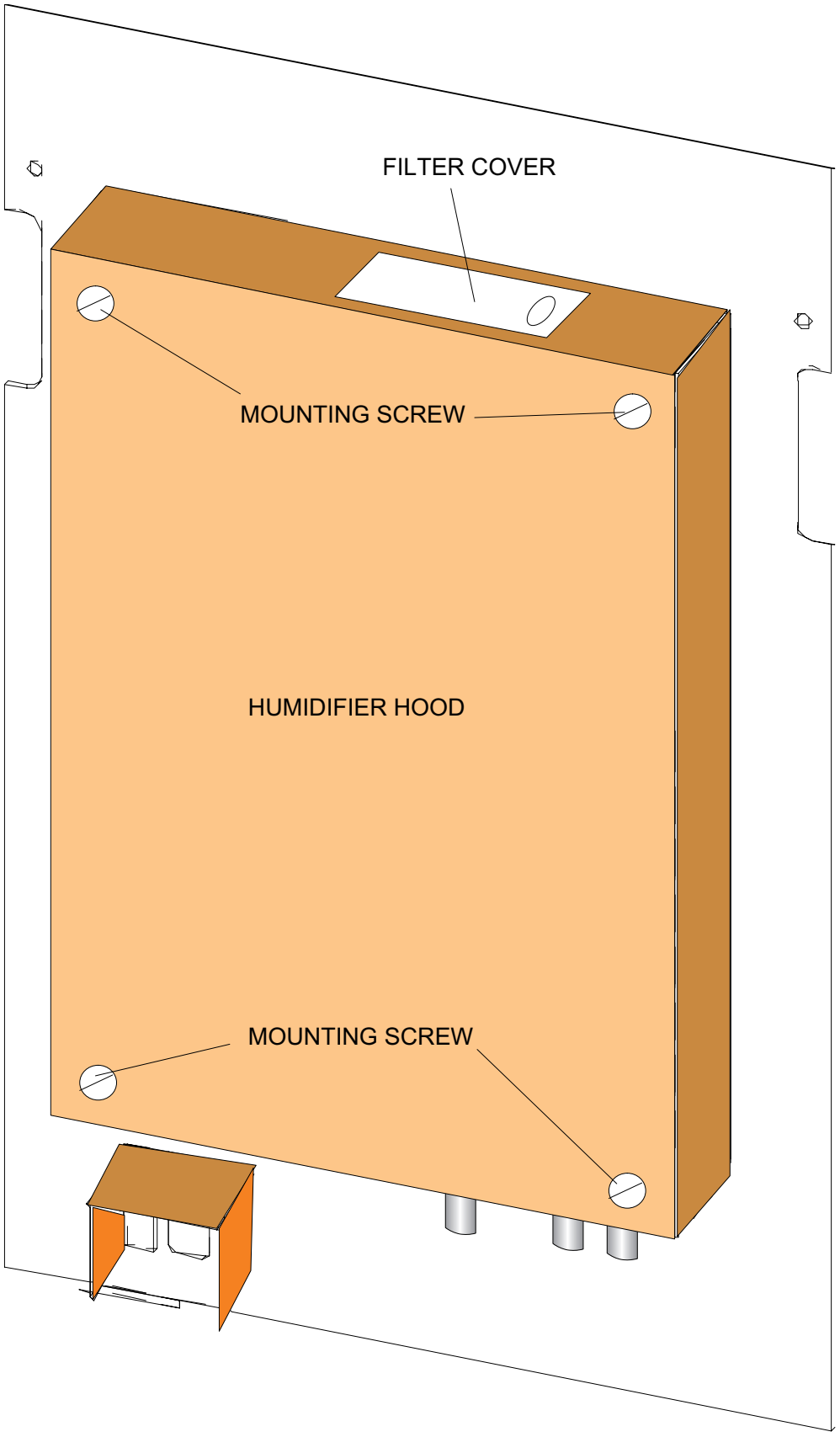
FILTER COVER
MOUNTING SCREW
HUMIDIFIER HOOD
MOUNTING SCREW

figure 1-5

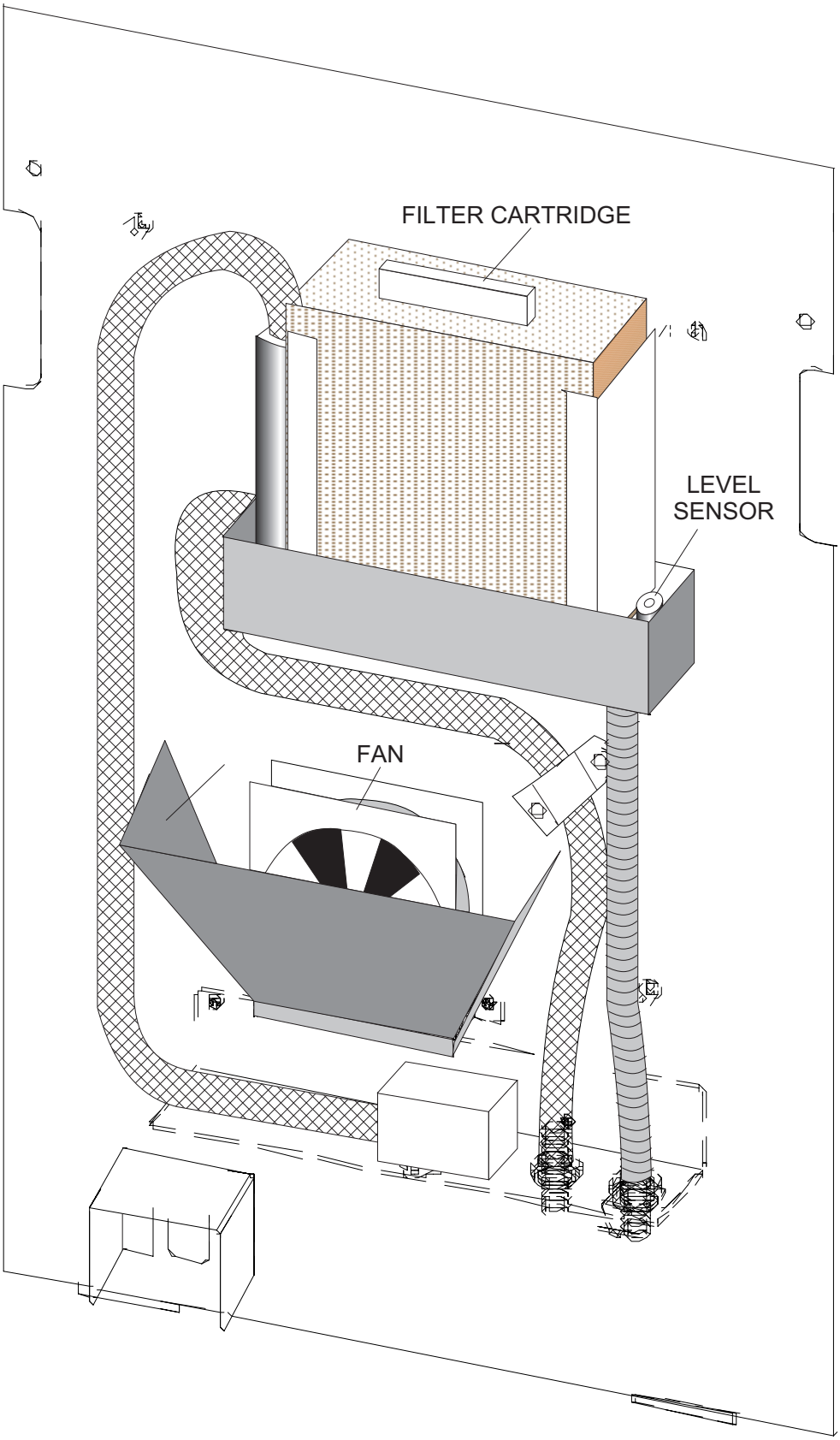

figure 1-6

Note

The replacement of the HUMIDIFIER FILTER CARTRIDGE must only be done by SERVICE PERSONAL authorised by KODAK.

10. Inform the customer that to minimise biological growth, the HUMIDIFIER FILTER CARTRIDGE must be replaced during PMs or a minimum of twice a year.

11. Take off the FILTER COVER. See figure 1-5.

12. Insert slowly the HUMIDIFIER FILTER CARTRIDGE to prevent spilling water inside the ML2000 and to prevent water from flowing over electrical components.

Note

The DVGW LABEL must only be used in Germany.

13. Place the DVGW LABEL close to the DATA PLATE of the ML2000.

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